

WELCOME TO THE 22ND TRANSDUCER WORKSHOP

20, 21 June 2006



Welcome to the 22nd Transducer Workshop

- **Sponsored by the Vehicular Instrumentation / Transducer Committee (VI/T), Telemetry Group (TG) of the Range Commanders' Council (RCC) – Ray Faulstich committee chairman**
- **Host: Dr. Pat Walter, TCU – arrangements made by Teresa Berry**
- **General Chairman: Sam Marderness, Aberdeen Test Center**
- **Tuesday Session Chair: Teresa Telles, NAVAIR**
- **Wednesday Session Chair: Lorin Klein, Air Armament Center, Eglin Air Force Base**

Range Commanders' Council

- **The RCC was established in the 1950's**
- **Common needs are identified and common solutions sought to foster interoperability**
- **Joint procurement opportunities**
- **Technical expertise and equipment exchanges are facilitated**
- **Advanced concepts are assessed and potential applications are identified**
- **Many working groups – Telemetry Group has four standing committees (RF, Data Mux, Recorders/Reproducers, and VI/T)**

Range
Commanders
Council

RCC TG VI/T Mission

Investigate, develop, and maintain standards and test methodology primarily for vehicular instrumentation applications. Focus areas -- data acquisition and collection, transducer applications, and calibration.

Membership

- Ray Faulstich – Pax River
- Dave Banaszak – AFRL (Wright-Patterson AFB)
- Teresa Telles – NAVAIR (China Lake)
- Lorin Klein – AAC (Eglin AFB)
- Robert Neufeld – AFFTC (Edwards AFB)
- Dave Petrie – WDTTC (Dugway Proving Ground)
- Mike Mando – AATC (Ft. Rucker)
- Sam Marderness – ATC (Aberdeen Proving Ground)



Current / Recent Tasks

- TG-59: Instrumentation Engineers Handbook – new RCC document
 - RCC 121
- TG-63: Data Acquisition Networks Standards Suite
 - Focus on the test article network
 - Aligned with iNET
- TG-69: Expression of Uncertainty in Test Measurement
 - Standard methodology
 - Software implementation and tools
 - Published as part of the RCC 118 series

Current / Recent Tasks

- TG-71: Update RCC Document 118 Volume 1
 - Update IRIG 106 Chapter 8 MIL-STD-1553 acquisition hardware test procedures (Chapter 6)
 - Add test procedures for CAIS bus interface (Chapter 7)
 - Update Available Transducer Documentation (Appendix A)
- TG-79: 22nd Transducer Workshop
 - Scheduled 21-22 June 2006
 - Ft. Worth , TX
 - Previous Workshop proceedings posted on the RCC web site - **<http://www.jcte.jcs.mil/rcc/PUBS/pubs.htm>**

Transducer Workshop

- **Focus on practical approach to the solution of measurement problems**
- **Transducers and related instrumentation used in measurement engineering, T&E**
- **Discussion of presentations and papers presented is highly encouraged**
- **Attendees share knowledge and lessons learned**

QUESTIONS or COMMENTS ?

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